Index of Claims

| Application/Control No. | Applicant(s)/Patent under Reexamination |
|-------------------------|---|
| 10/617,025              | KOMATSU ET AL.                          |
| Examiner                | Art Unit                                |

| Rejected | - | (Through numeral)<br>Cancelled | N | Non-Elected  |  |  |  |  |
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| Allowed  | + | Restricted                     | • | Interference |  |  |  |  |

Olga Asinovsky

| A | Appeal   |
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| Cla      | im       |  | Date     |               |          |          |                 |          |                |          |      |             | Claim Date |                 |  |              |                |               |   | 1            | CI     | aim  | Date       |          |                    |   |   |          |          |          |          |
|----------|----------|--|----------|---------------|----------|----------|-----------------|----------|----------------|----------|------|-------------|------------|-----------------|--|--------------|----------------|---------------|---|--------------|--------|--|------------|----------|--------------------|---|---|----------|----------|----------|----------|
|          |          |  |          |               |          |          | <del>⊢</del> —" |          | The Date       |          |      |             |            |                 |  |              | <del>  □</del> | $\overline{}$ | $\vdash$  | -т           | $\top$ | T  | Ť          | Τ.       | _                  | М   |   |          |          |          |          |
| Final    | Original | 5/15/06  |          |               |          |          |                 |          |                |          |      | Final       | Original   |                 |  |              |                |               |   |              | Fig.   | Final  | Original   |          |                    |   |   |          |          |          |          |
|          | 1        | v  | ├        | ├             | ╁╾       | ┢        | ╁               | ╁        | ┢              | ├        | -    | <del></del> | 51         | H               | -  | ╁            | Н              | $\dashv$      | ╁   | ╁┈           | ł      |  | 101        | Н        | $\dashv$           | +   | ╁   | ╁        | ╁        | ├        | Н        |
| -        | 2        | Ť  | ┢        | -             | ╁╌       | ╁╴       | ╁╴              | 1-       | $\vdash$       | $\vdash$ | 1    | $\vdash$    | 52         | 1-1             | +  | ╁            | Н              | $\dashv$      | +   | +            | 1      |  | 102        | H        | +                  | +   | +   | +        | ╁╴       | ┢─       | Н        |
|          | 3        | Ϊ́ν  | _        | ┢─            | ┢        | ╁╌       | ╁               | 1        | H              | $\vdash$ | 1 3  | $\vdash$    | 53         |                 | $\dashv$   | +            | Н              | $\dashv$      | +   | +            | ĵ.     |  | 103        | H        | $\dashv$           | ╁   | ╁   | ╁        | $\vdash$ | ┢        | $\vdash$ |
|          | 4        | ΙŤ   | 一        | ┢             | ┢        | ┢        | ╁               | t        | t              | 1        | di   |             | 54         | $\vdash$        | 十  | +-           | Н              | $\dashv$      | $\top$  | +            | ١      | <u> </u>   | 104        | $\vdash$ | $\dashv$           | ╅   | ╅   | +        | 十        | $\vdash$ | Н        |
|          | 5        | Ė  | ┢        | _             | 1        | ╁╌       | †               | 1        | ┢              | Н        | 1    |             | 55         | H               | 十  | T            | Н              | $\dashv$      | $\top$  | +-           |        | _  | 105        | $\Box$   | $\dashv$           | +   | +   | T        |          | _        | Н        |
|          | 6        | v.   | T        |               | T        | 1        | T               | Т        | T              | Г        |      |             | 56         | 1               | $\dashv$   | $\top$       | П              | $\neg$        | _   | 1            | 10     |  | 106        | $\Box$   |                    | $\top$  | ╈   | $\top$   |          |          | П        |
|          | 7        |  |          |               | Г        | t        | T               | T        | t              |          | 9    |             | 57         |                 | $\top$   | 1            | П              | $\neg$        | T   | T            | 1      |  | 107        | П        |                    | $\top$  | $\top$  | 十        | Т        | $\neg$   | П        |
|          | 8        | Γ  |          |               | П        | П        | П               | Г        |                |          |      |             | 58         | П               | $\neg$   | 1            | П              | $\neg$        | 1   | 1            | 1      |  | 108        | П        |                    | 7   | 1   | Τ        | Г        |          | П        |
|          | 9        | Г  |          |               | Г        |          |                 | Г        | Π              | Г        |      |             | 59         |                 | $\neg$   | $\top$       | П              |               | T   | $\top$       | 1.     |  | 109        | П        |                    | T   | Т   | T        | П        |          |          |
|          | 10       |  |          |               |          |          | Π               |          |                |          |      |             | 60         |                 |  |              |                |               |   | $\top$       | 14.    |  | 110        | П        |                    | T   | Т   | Т        |          |          |          |
|          | 11       |  |          |               |          |          | <u> </u>        |          |                |          |      |             | 61         |                 |  |              |                |               |   |              | - 70   |  | 111        |          |                    |   |   |          |          |          |          |
| <u> </u> | 12       | v  | L        | _             | L        |          |                 |          | 匚              |          | 1    |             | 62         |                 |  |              |                |               |   |              | - 6    |  | 112        |          |                    |   |   |          |          |          |          |
| L        | 13       | ٧  |          |               |          | _        | 1_              |          | _              | _        | 11.3 |             | 63         |                 |  | 丄            |                |               |   |              |        |  | 113        |          |                    | $\perp$   | $\perp$   |          | L.       |          |          |
| L        | 14       | \v_  | Ц.       | L             | ╙        | _        | <u> </u>        | L        | _              | L        | 13   |             | 64         |                 | $\bot$   | 1_           | Ш              | _             | 4   |              | 8.5    |  | 114        | Ш        |                    | _   | 1   | 1_       | <u> </u> | Ш        | Ш        |
| <u> </u> | 15       | L_   | L        | <u> </u>      | <u> </u> | <u> </u> | <u> </u>        | <u> </u> | <u> </u>       | _        | 1    |             | 65         | $\sqcup$        | _ _  | ┦_           | Ш              | _             | _   | _            | 1      |  | 115        |          | _                  | $\perp$   | $\perp$   | ┺        |          | L        | Ш        |
|          | 16       | <u> </u>   | L        |               | _        | _        | 1               | ļ_       | ╙              | <u> </u> | 1    |             | 66         | Ш               |  | 4_           | Ш              | -             | 4   |              |        |  | 116        |          | _                  | _   | ┸   | ┸        | <u> </u> |          | Ц        |
| <u> </u> | 17       | _  |          |               | <u> </u> | ļ        | <b>!</b>        | ↓_       | <del> </del> — | L_       |      |             | 67         | ш               | +  | ┿            | Ш              |               | $\perp$   | —            |        | <u> </u>   | 117        | $\sqcup$ |                    |   | +   | +        | _        | _        | Ц        |
| <u> </u> | 18       | V  | <u> </u> | Ŀ             | ┡        | _        | 1               | -        | ┞              |          | 1    |             | 68         | $\vdash$        |  | -            | Н              | -             | -   | +            |        |  | 118        |          | -                  | _   | +   | ↓_       |          |          | Щ        |
| $\vdash$ | 19       | V  |          | _             | ⊢        | ⊢        | ┢               | ⊢        | ⊢              |          |      |             | 69         | $\vdash$        | +  | +-           | Н              | $\dashv$      | -   | ┿            | 1      | ├─   | 119        | $\dashv$ |                    | -   | -   | +        | <u> </u> | _        | Н        |
| -        | 20       | ٧  |          | <u> </u>      | -        | <u> </u> | <del> </del>    | ┺        | ├-             | _        | 8    |             | 70         | <del></del>     | -  | +-           | Н              | $\dashv$      |   | +-           |        | ļ  | 120        | $\dashv$ | -                  | +   | ╀   | -        | $\vdash$ | _        | Н        |
| <u> </u> | 21       | V  | -        | -             | ⊢        | ⊢        | ├               | ┢        | ┡              | _        | -    |             | 71         | Н               | -  | +-           | Н              | $\dashv$      | -   |              |        |  | 121        | $\dashv$ | -                  | +   | +   | +        | -        | _        | Н        |
| -        | 22       | ⊢  | H        | <u> </u>      | ├        | ⊢        | ⊢               | ⊢        | ⊢              | ⊢        | 1    |             | 72<br>73   | ┥               |  | ╁            | Н              | $\dashv$      | +   |              | 100    |  | 122        |          | -+                 | 1   | 4-  | +        | ├        | <u> </u> | Н        |
| -        | 24       | ⊢  | -        | -             | ⊢        | ⊢        | ┢               | ├        | ├              | -        |      |             |            | $\vdash$        | +  | +            | Н              | -             | +   | +            | 400    |  | 123        |          | +                  | +   | ╇   | ╂        | -        | _        | Н        |
| -        | 25       | ┝  | -        | <u> </u>      | ⊬        | ┢        | ╀               | -        | -              | $\vdash$ | 2    |             | 74<br>75   | <del>-</del> -+ |  | +            | Н              | $\dashv$      | +   | +-           | 200    |  | 124        | $\dashv$ | +                  | +-  | +   | +-       | ┝        | _        | Н        |
| <u> </u> | 26       | ⊢  | $\vdash$ | -             | ⊢        | ⊢        | $\vdash$        | ⊢        | ┝              | ⊢        |      | -           | 76         | ┥               |  | ╁            | Н              | $\dashv$      | ┿   | +            | 10     |  | 125<br>126 | $\dashv$ | -                  |   | +   | ╁        | $\vdash$ | _        | Н        |
|          | 27       | ⊢  | $\vdash$ | -             | $\vdash$ | -        | ╁               | ⊢        | ┝              | $\vdash$ |      |             | 77         | H               | +  | +-           | Н              | $\dashv$      | +   | ╁            | 10     |  | 127        | $\dashv$ | -+-                | -   | +   | +-       | $\vdash$ |          | Н        |
| <u> </u> | 28       | ├─   | $\vdash$ |               | ╁        | ┢        | ┢┈              | ╁        | ├              | ⊢        | 7    |             | 78         | ╁               | +  | ╫            | Н              | $\dashv$      | +   | +            | Ter.   | <del></del>                                      | 128        | -        | $\dashv$           | +   | ╁   | ┿        | -        | _        | Н        |
|          | 29       | ┢  | -        |               | ├        | ╁        | ╁               | ┢        | ┢              | ┝        | (a)  |             | 79         | ╁               | ┿  | ╫            | Н              | $\dashv$      | ╅   | +-           | Ů.     | ├─   | 129        | $\vdash$ | +                  | +   | ╫   | ╁        | $\vdash$ |          | Н        |
| _        | 30       | $\vdash$   |          | -             | ┢        | ╁╌       | ┢               | H        | $\vdash$       | H        |      |             | 80         | ┨               | +  | +-           |                | $\dashv$      | +   | +            |        | <u> </u>   | 130        | $\vdash$ | +                  | ╁   | ╁   | +-       | +-       | -        | Н        |
| _        | 31       | $\vdash$   |          | _             | ┢        | 1        | ╁               | 十        | H              | -        | 130  |             | 81         | $\vdash$        | +  | +-           | Н              | $\dashv$      | +   | +            | 1      | <b></b>  | 131        |          | -+                 | +   | +   | 十        | ├        | -        | -        |
| -        | 32       | ┝  | $\vdash$ | _             | H        | $\vdash$ | 1               | $\vdash$ | $\vdash$       | $\vdash$ |      |             | 82         | Н               | 十  | +-           | Н              | $\dashv$      | ┰   | +            | 3      | <del>                                     </del> | 132        | $\vdash$ | $\dashv$           | +   | ╫   | ╁        | $\vdash$ | $\vdash$ | Н        |
|          | 33       | <del>                                     </del> |          | -             | 1-       | 1        |                 | H        |                | ┞        |      |             | 83         | $\vdash$        | -  | +-           |                | $\dashv$      | +   | +            | 5%. *  | _  | 133        |          | -                  | ╁   | ╁   | +        | Н        |          | Н        |
|          | 34       |  | $\vdash$ | _             | T        | Н        | T               | ┢        | $\vdash$       | $\vdash$ | 1    |             | 84         | $\vdash$        | _  | 1            | Н              | ┪             |   | +            |        |  | 134        |          | $\top$             | +   | +   | +        | H        |          | Н        |
|          | 35       |  | $\vdash$ | $\vdash$      | Г        |          | 1               | 1        | T              | Г        | 1    |             | 85         | $\vdash$        | _  | 1            | П              | _             | 十   | +            | 1      |  | 135        | $\Box$   | $\dashv$           | ╅   | 十   | T        | ┢        | $\vdash$ | П        |
|          | 36       |  |          | _             | T        | Т        | T               | T        |                |          |      |             | 86         | $\Box$          | 十  | 1            |                | ヿ             | $\neg$  | 1            | 1 .    |  | 136        |          | 十                  | 十   | +   | †        | $\vdash$ |          | П        |
|          | 37       |  |          | $\overline{}$ |          |          | T               | T        | <u> </u>       | ┢        | 1    |             | 87         |                 | $\top$   | 1            | П              | 寸             | 十   | 1            |        |  | 137        | $\neg$   | _                  | 1   | +   | 十        |          |          |          |
|          | 38       |  |          |               |          |          | Τ               | Г        | Г              | Г        | 3/2  |             | 88         | П               | 1  | 1            |                | ヿ             | 7   |              |        |  | 138        |          | 一                  | +   | +   | T        | $\vdash$ |          | П        |
|          | 39       |  |          |               | T        |          | П               | Т        |                | Г        | 1    |             | 89         | П               | $\dashv$   | $\top$       | П              | 一             | $\top$  | T            | 1      |  | 139        |          | $\dashv$           | 1   | ╅   | T        |          |          | H        |
|          | 40       |  |          |               |          |          |                 |          |                | Π        | 1    |             | 90         |                 |  |              | П              |               | 7   | Т            | 1.     |  | 140        |          | $\neg$             | 1   | $\top$  | T        | П        |          | Н        |
|          | 41       |  |          |               |          | L        | L               | L        |                |          | ]    |             | 91         |                 |  | Τ            |                | $\neg$        |   | T            |        |  | 141        |          |                    | 7   | $\top$  | T        | П        |          | $\Box$   |
|          | 42       |  |          |               |          |          |                 |          |                |          | ]    |             | 92         |                 |  |              |                |               |   | $\perp$      | -      |  | 142        |          | $\Box$             |   |   | Ι        |          |          | П        |
|          | 43       |  |          |               |          |          | Г               |          |                |          | ]    |             | 93         |                 |  | Ι            |                | 丁             |   | $\Gamma'$    | . 1    |  | 143        |          |                    | J   | T   |          | П        |          |          |
|          | 44       |  |          |               |          | L        |                 |          |                |          | ]    |             | 94         |                 |  | Ι            |                |               |   | $oxed{\Box}$ |        |  | 144        |          |                    | T   | Τ   |          |          |          |          |
|          | 45       |  |          |               |          |          |                 |          |                |          |      |             | 95         |                 |  |              |                |               | $oldsymbol{\mathbb{T}}$                             |              | ]      |  | 145        |          | $oxed{\mathbb{T}}$ | Ι   | Γ   |          |          |          |          |
|          | 46       | $\Box$   |          |               |          |          | 匚               | $\Box$   |                |          |      |             | 96         |                 |  | $oxed{\Box}$ |                | $\Box$        |   |              |        |  | 146        |          | floor              | I   | Ι   | Π        |          |          |          |
|          | 47       |  |          |               |          | 匚        | 匚               | 匚        | Ĺ              |          |      |             | 97         | Ш               | $oldsymbol{ol}}}}}}}}}}}}} $ | L            |                |               |   |              | ×      |  | 147        |          |                    |   | $oxed{T}$   | $\Gamma$ |          |          |          |
|          | 48       |  |          |               | 匚        |          | 匚               |          |                |          |      |             | 98         | $\square$       |  | L            |                |               | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$   | Γ            |        |  | 148        |          | $\Box$             | $oldsymbol{\mathbb{I}}$   | $oldsymbol{\mathbb{T}}$                           | Ι        |          |          |          |
| Ш        | 49       |  |          |               |          | <u> </u> |                 |          |                |          |      |             | 99         | $\Box$          |  | Ţ            |                |               | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Gamma}}}$ | L            |        |  | 149        |          | $\Box \mathbb{I}$  | $oldsymbol{ol}}}}}}}}}}}}}} $ | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | Γ        |          |          |          |
|          | 50       |  |          |               |          |          | l _             |          |                |          | -    |             | 100        | П               |  | П            | Π              | Т             |   |              |        |  | 150        |          | T                  | 1   | Т   |          |          |          |          |